

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	9	((LNA or (Low adj2 noise adj2 amplif\$4)) with (tun\$4)) same (control\$5 or adjust\$5 or order\$4) and (schmitt or hyster\$4) and (@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:45
S5	269	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and (LNA or (Low adj2 noise adj2 amplif\$4)) and (amplif\$6 with (control\$5 or adjust\$5 or order\$4)) and (schmitt or hyster\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:30
S7	109	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and (LNA\$4 or (Low adj2 nois\$3 adj2 amplif\$4)) and (amplif\$6 with control\$5) and (schmitt or hyster\$4) and diode and detect\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 16:37
S8	106	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and (LNA\$4 or (Low adj2 nois\$3 adj2 amplif\$4)) and (amplif\$6 with control\$5) and (schmitt or hyster\$4) and diode and detect\$5 and (antenna or recei\$5 or transceiv\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:10
S9	88	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and (LNA\$4 or (Low adj2 nois\$3 adj2 amplif\$4)) and (amplif\$6 with control\$5) and (schmitt or hyster\$4) and diode and (transistor or FET) and detect\$5 and (antenna or recei\$5 or transceiv\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:11
S10	90	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and (LNA\$4 or (Low adj2 nois\$3 adj2 amplif\$4)) and (amplif\$6 with control\$5) and (schmitt or hyster\$4) and diode and (transistor or FET) and detect\$5 and (antenna or recei\$5 or transceiv\$5 or RF or radio)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:17

## EAST Search History

		EAST Search History				
S11	34	<p>(@rlad&lt;"20030222" or @ad&lt;"20030222" or @ptad&lt;"20030222") and (LNA\$4 or (Low adj2 nois\$3 adj2 amplif\$4)) and (amplif\$6 with control\$5) and (schmitt or hyster\$4) and diode and (transistor or FET) and detect\$5 and (antenna or recei\$5 or transceiv\$5 or RF or radio) and ("455".clas. or "375".clas. or "330".clas.)</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:46
S12	1	<p>(LNA or (Low adj2 noise adj2 amplif\$4)).ti. and (tun\$5) and (schmitt or hyster\$4) and (@rlad&lt;"20030222" or @ad&lt;"20030222" or @ptad&lt;"20030222")</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/26 15:49
S16	1	<p>((auto or automat\$5 or electrical\$5 or self or continu\$6) near2 (select\$4 or tun\$4 or adjust\$4 or compensat\$4 or offset\$5 or (off adj set\$5) or calibrat\$5) near2 (LNA or (Low adj2 noise adj2 amplif\$4))) and (schmitt or hyster\$4) and (@rlad&lt;"20030222" or @ad&lt;"20030222" or @ptad&lt;"20030222")</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 09:23
S17	5	<p>((auto or automat\$5 or electrical\$5 or self or continu\$6) near2 (select\$4 or tun\$4 or adjust\$4 or compensat\$4 or offset\$5 or (off adj set\$5) or calibrat\$5) near4 (LNA or (Low adj2 noise adj2 amplif\$4))) and (schmitt or hyster\$4) and (@rlad&lt;"20030222" or @ad&lt;"20030222" or @ptad&lt;"20030222")</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:42
S19	66	<p>((((auto or automat\$5 or electrical\$5 or self) or (select\$4 or tun\$4 or adjust\$4 or compensat\$4 or offset\$5 or (off adj set\$5) or calibrat\$5)) near4 (LNA or (Low adj2 noise adj2 amplif\$4))).ti. and (@rlad&lt;"20030222" or @ad&lt;"20030222" or @ptad&lt;"20030222")</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 14:08
S21	16	<p>("3581210"   "4030035"   "4553105"   "5034819"   "5134707"   "5276904"   "5280643"   "5465408").PN. OR ("5638141").URPN.</p>	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 13:05
S23	8	<p>((sensit\$7 or auto or automat\$5 or electrical\$5 or self) near2 (select\$4 or tun\$4 or adjust\$4 or compensat\$4 or offset\$5 or (off adj set\$5) or calibrat\$5) near2 (LNA or (Low adj2 noise adj2 amplif\$4))) and (@rlad&lt;"20030222" or @ad&lt;"20030222" or @ptad&lt;"20030222")</p>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 14:11

## EAST Search History

S24	7	((diode with switch\$5) same (LNA or (low adj noise adj amplifier))) and (schmitt or hyster\$4) and (@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 14:26
S28	243	((auto or automat\$5 or electrical\$5 or self or continu\$6 or sensit\$6) near4 (select\$4 or tun\$4 or adjust\$4 or compensat\$4 or offset\$5 or (off adj set\$5) or calibrat\$5 or control\$5) near4 (LNA or (Low adj2 noise adj2 amplif\$4))) and (@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:44
S29	18	S28 and (schmitt or hyster\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 08:46
S30	30	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and ((transistor or switch\$5) with base with emitter with (collector near4 ground\$5)) and ((LNA or (Low adj2 noise adj2 amplif\$4)) with (transistor or switch\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 09:15
S36	3	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and (LNA or (Low adj2 noise adj2 amplif\$4)) and ((diode with antenna with amplif\$6) same (diode with amplif\$6 with tun\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 10:04
S37	37	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and ((diode with antenna with amplif\$6) same (diode with amplif\$6 with tun\$5)) and ((diode near5 antenna) same (diode near5 of tun\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 15:45
S38	22	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and (LNA or (Low adj2 noise adj2 amplif\$4)) and ((diode with antenna with amplif\$6) same (diode with amplif\$6 with (tun\$5 or filter)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 11:07

## EAST Search History

EAST Search History						
S40	0	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and ((LNA or (Low adj2 noise adj2 amplif\$4)) with control\$5 with (method or apparatus) and ((LNA or amplif\$5) with on with off)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 11:15
S41	32	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and ((LNA or (Low adj2 noise adj2 amplif\$4)) with control\$5 with (method or apparatus) and ((LNA or amplif\$5) with on or activat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 11:16
S42	15	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and ((LNA or (Low adj2 noise adj2 amplif\$4)) with (control\$5 or tun\$5) with (method or apparatus) and ((LNA or amplif\$5) with (on or activat\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 13:44
S43	130	(diode and antenna and amplif\$6 and (tun\$5 or filter\$3))	JPO	OR	ON	2006/06/21 15:46
S44	123	S43 and @pd<"20030222"	JPO	OR	ON	2006/06/21 16:35
S45	5	S44 and (LNA or (low adj2 amplif\$6))	JPO	OR	ON	2006/06/21 15:47
S46	1	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and ((emitter near5 (logic\$5 or compar\$6)) with (collector near4 ground\$5)) and (LNA or (Low adj2 noise adj2 amplif\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 16:39
S47	29	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and ((emitter with (logi\$5 or compar\$6 or determin\$5)) with (collector near4 ground\$5)) and (LNA or (Low adj2 noise adj2 amplif\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 16:55
S48	167	(@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222") and (((emitter with (logi\$5 or compar\$6 or determin\$5)) with (collector near4 ground\$5)) same amplif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 10:57

## EAST Search History

S49	139	S48 not S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 16:56
S50	929	455/245.2.ccls. or 455/249.1.ccls. or 725/68.ccls. or 348/735.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:25
S54	152	S50 and (diode same amplif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 14:09
S55	1327	455/232.1.ccls. or 455/234.1.ccls. or 455/234.2.ccls. or 4558/280.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:27
S56	21566	330/250-311.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:43
S57	260	(LNA or (low adj noise adj amplifier)) same (switch\$3 with transistor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:43
S58	69	(S55 or S56) and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:30

## EAST Search History

EAST Search History						
S59	45	S58 and (@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:53
S60	0	(S55 or S56) and (LNA same (tuner tuning) same (second near2 diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:44
S61	3	(LNA same (tuner tuning) same (second near2 diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:44
S62	32	(LNA or (low adj noise adj amplifier)) same (tuner tuning) same (diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:53
S63	25	S62 and (@rlad<"20030222" or @ad<"20030222" or @ptad<"20030222")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:57
S64	3	(S55 or S56) and S63	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/22 16:57